PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference CELA001/01WO	FOR FURTHER see Form PCT/ISA/220 ACTION as well as, where applicable, item 5 below.	
International application No. PCT/US04/43830	International filing date (day/month/year) 30 December 2004 (30.12.2004)	(Earliest) Priority Date (day/month/year) 31 December 2003 (31.12.2003)
Applicant KALOBIOS. INC.		
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau. This international search report consists of a total of		
may, within one month from 6. With regard to the drawings, a. the figure of the drawings to be passuggested by the as selected by this A	, according to Rule 38.2(b), by this Authority the date of mailing of this international search published with the abstract is Figure Noapplicant.	n report, submit comments to this Authority.
b. none of the figures is to be p	uthority, because this figure better characteriz ublished with the abstract.	es the invention.

Form PCT/ISA/210 (first sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/43830

A. CLASSIFICATION OF SUBJECT MATTER			
IPC(7) : C12N 15/63; 15/85 US CL : 435/320.1, 325			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) U.S.: 435/320.1, 325			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) STN: EMBASE BIOSIS CAPLUS			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category * Citation of document, with indication, where a	ppropriate, of the relevant passages Relevant to claim No.		
A US 6,780,639 (ABDELWAHED et al.) 24 August 20			
Further documents are listed in the continuation of Box C.	See patent family annex.		
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of 	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention		
particular relevance "E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step		
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination		
"O" document referring to an oral disclosure, use, exhibition or other means	being obvious to a person skilled in the art		
"P" document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent family		
Date of the actual completion of the international search	Date of mailing of the international search report		
30 May 2005 (30.05.2005)	& 6 JUI 200F		
Name and mailing address of the ISA/US	Authorized officer		
Mail Stop PCT, Attn: ISA/US Commissioner for Patents	Celine Qian, Ph.D. till by this		
P.O. Box 1450	Telephone No. 871-273-8300 \$ 2/7		
Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230	1 compliant in the second of t		

Form PCT/ISA/210 (second sheet) (January 2004)